



PGS-7000 Series Thermal Conductive Pad

Feature 特性:

- Thermal conductivity 7.8W/mK
- Natural tacky 自黏性
- soft & high compressibility 柔软及高压缩性
- Good Electrically isolating 高耐电压
- Easy to assemble 容易施工
- Cost effective 价格优惠

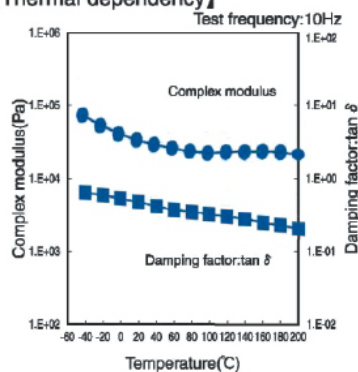
Application 產品應用端

- Computer Services: CPU、Heat Sink、Memoery modules
- LED Light 、LCD-TV、Telecom service、Wirless instructure ...etc
- Powder electronic
- Military electronic & IT field
- Automotive control services

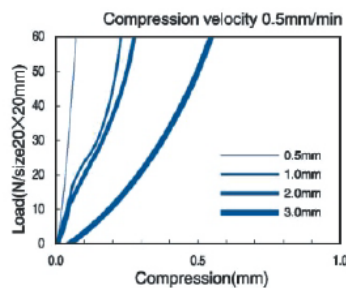
Property 特性	PGS-7000	Unit	Test Method
Color 颜色	Yellow 黄色		—
Thermal conductive 导热值	7.8	$\text{W}\cdot\text{m}^{-1}\cdot\text{K}^{-1}$	ASTM D5470
Thickness Range 厚度范围	10mil-240mil	mil	ASTM D374
	0.254mm-6mm	mm 毫米	ASTM D374
Hardness 硬度	45	Shore 00	ASTM D2240
Density 比重	2.98	$\text{g}\cdot\text{cm}^{-3}$	—
Breakdown Voltage 耐电压值	>5000	KV	ASTM D149
Dielectric Constant 电介质常数	12.6	MHz	ASTM D150
Volume Resistivity 体积阻抗	6.8×10^{13}	ohm-cm	ASTM D257
Tensile Strength 拉伸强度	32	psi	ASTM D412
Flam Rating 阻燃等级	V-0	—	UL-94
Temperature Range 工作温度	-40~+200	°C	—
Stander Sheet Size 标注片材尺寸	300*400	mm	—

PGS-7000

【Thermal dependency】



【Compression】



【Thermal resistance】

Transistor: TO-3 type
Heat input: 20W

Thickness (mm)	Thermal resistance (°C/W)		
	Compression rate 10%	20%	30%
0.5	0.10	0.06	0.40
1.0	0.39	0.32	0.26
2.0	0.97	0.82	0.70
3.0	1.55	1.33	1.05

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Please contact us for other special requirement such as :

- Available to apply adhesive 可依需求背膠
- Customer different cut shape 不同形状冲型裁切
- Special hardness、color、size、thickness、different structure composition...etc
- Sample require 样品需求